

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
 Data File : VY017110.D
 Acq On : 25 Jan 2024 17:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 26 10:08:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	84	0.00
2 T	Dichlorodifluoromethane	50.000	48.273	3.5	85	0.00
3 P	Chloromethane	50.000	54.300	-8.6	93	0.00
4 C	Vinyl Chloride	50.000	57.960	-15.9#	95	0.00
5 T	Bromomethane	50.000	57.650	-15.3	99	0.00
6 T	Chloroethane	50.000	58.287	-16.6	97	0.00
7 T	Trichlorofluoromethane	50.000	53.102	-6.2	90	0.00
8 T	Diethyl Ether	50.000	50.682	-1.4	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.171	5.7	87	-0.01
10 T	Methyl Iodide	50.000	48.218	3.6	80	0.00
11 T	Tert butyl alcohol	250.000	275.635	-10.3	102	0.00
12 CM	1,1-Dichloroethene	50.000	48.251	3.5#	88	0.00
13 T	Acrolein	250.000	250.143	-0.1	88	0.00
14 T	Allyl chloride	50.000	50.518	-1.0	89	0.00
15 T	Acrylonitrile	250.000	271.060	-8.4	95	-0.01
16 T	Acetone	250.000	238.408	4.6	90	-0.01
17 T	Carbon Disulfide	50.000	47.326	5.3	85	0.00
18 T	Methyl Acetate	50.000	57.691	-15.4	97	-0.01
19 T	Methyl tert-butyl Ether	50.000	52.241	-4.5	92	0.00
20 T	Methylene Chloride	50.000	55.413	-10.8	91	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.942	0.1	89	-0.01
22 T	Diisopropyl ether	50.000	53.411	-6.8	92	0.00
23 T	Vinyl Acetate	250.000	262.682	-5.1	92	0.00
24 P	1,1-Dichloroethane	50.000	50.473	-0.9	91	0.00
25 T	2-Butanone	250.000	251.249	-0.5	94	0.00
26 T	2,2-Dichloropropane	50.000	48.496	3.0	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.058	-2.1	90	0.00
28 T	Bromochloromethane	50.000	53.849	-7.7	82	0.00
29 T	Tetrahydrofuran	250.000	283.547	-13.4	96	-0.01
30 C	Chloroform	50.000	50.891	-1.8#	91	0.00
31 T	Cyclohexane	50.000	52.925	-5.8	88	0.00
32 T	1,1,1-Trichloroethane	50.000	50.377	-0.8	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.663	-7.3	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	51.574	-3.1	85	0.00
36 T	1,1-Dichloropropene	50.000	50.188	-0.4	90	0.00
37 T	Ethyl Acetate	50.000	52.861	-5.7	98	0.00
38 T	Carbon Tetrachloride	50.000	48.450	3.1	88	0.00
39 T	Methylcyclohexane	50.000	49.675	0.7	86	0.00
40 TM	Benzene	50.000	50.585	-1.2	90	0.00
41 T	Methacrylonitrile	50.000	48.499	3.0	95	0.00
42 TM	1,2-Dichloroethane	50.000	51.508	-3.0	92	0.00
43 T	Isopropyl Acetate	50.000	54.566	-9.1	95	0.00
44 TM	Trichloroethene	50.000	49.871	0.3	90	0.00
45 C	1,2-Dichloropropane	50.000	51.563	-3.1#	91	0.00
46 T	Dibromomethane	50.000	50.752	-1.5	91	0.00
47 T	Bromodichloromethane	50.000	50.865	-1.7	89	0.00
48 T	Methyl methacrylate	50.000	54.436	-8.9	92	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1185.519	-18.6	104	-0.01
50 S	Toluene-d8	50.000	52.676	-5.4	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.006	-12.0	97	0.00
52 CM	Toluene	50.000	51.682	-3.4#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	52.558	-5.1	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.443	-2.9	89	0.00
55 T	1,1,2-Trichloroethane	50.000	51.073	-2.1	91	0.00
56 T	Ethyl methacrylate	50.000	54.879	-9.8	92	0.00
57 T	1,3-Dichloropropane	50.000	51.942	-3.9	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	322.251	-28.9#	99	0.00
59 T	2-Hexanone	250.000	256.680	-2.7	96	0.00
60 T	Dibromochloromethane	50.000	50.993	-2.0	90	0.00
61 T	1,2-Dibromoethane	50.000	52.209	-4.4	93	0.00
62 S	4-Bromofluorobenzene	50.000	53.640	-7.3	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	49.846	0.3	91	0.00
65 PM	Chlorobenzene	50.000	50.567	-1.1	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.913	-1.8	89	0.00
67 C	Ethyl Benzene	50.000	51.560	-3.1#	90	0.00
68 T	m/p-Xylenes	100.000	102.855	-2.9	90	0.00
69 T	o-Xylene	50.000	52.705	-5.4	90	0.00
70 T	Styrene	50.000	54.027	-8.1	90	0.00
71 P	Bromoform	50.000	51.902	-3.8	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	48.923	2.2	90	0.00
74 T	N-amyl acetate	50.000	53.286	-6.6	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.071	1.9	92	0.00
76 T	1,2,3-Trichloropropane	50.000	44.357	11.3	80	0.00
77 T	Bromobenzene	50.000	48.705	2.6	91	0.00
78 T	n-propylbenzene	50.000	49.423	1.2	89	0.00
79 T	2-Chlorotoluene	50.000	48.671	2.7	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.837	0.3	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.452	1.1	95	0.00
82 T	4-Chlorotoluene	50.000	48.942	2.1	90	0.00
83 T	tert-Butylbenzene	50.000	50.122	-0.2	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.241	1.5	89	0.00
85 T	sec-Butylbenzene	50.000	49.391	1.2	88	0.00
86 T	p-Isopropyltoluene	50.000	49.890	0.2	89	0.00
87 T	1,3-Dichlorobenzene	50.000	47.939	4.1	89	0.00
88 T	1,4-Dichlorobenzene	50.000	47.841	4.3	90	0.00
89 T	n-Butylbenzene	50.000	50.094	-0.2	89	0.00
90 T	Hexachloroethane	50.000	47.538	4.9	89	0.00
91 T	1,2-Dichlorobenzene	50.000	48.817	2.4	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.396	1.2	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.140	3.7	89	0.00
94 T	Hexachlorobutadiene	50.000	44.749	10.5	85	0.00
95 T	Naphthalene	50.000	51.546	-3.1	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.748	2.5	91	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6